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## Patents

Patents 1 - 20 on **mobile communication network key management**. (0.03 seconds)

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### Authentication key management

#### system and method

US Pat. 5850445 - Filed Jan 31, 1997 - Synacom Technology, Inc.

A third problem with conventional **mobile communication** systems is that if the ... of the A-key is either transmitted electronically, eg, via a data **network**, ...

### Mobile communication method, and mobile telephone switching station customer ...

US Pat. 6064879 - Filed Jan 3, 1997 - Fujitsu Limited

It is another object of the invention to provide a **mobile communication** method whereby ... the authentication key (MSN-key) for the **communication network** to ...

### Secure authentication-key management system and method for mobile communications

US Pat. 5970144 - Filed Jan 31, 1997 - Synacom Technology, Inc.

However, in conventional **mobile communication** systems the AC requires access ... of the A-key is either transmitted electronically, eg, via a data **network**, ...

### Mobility management system in personal communication system

US Pat. 6018573 - Filed Dec 22, 1997 - NEC Corporation

In other words, the mobility **management** 10, low speed **mobile communication network** 5 determines system in the personal **communication** system shown in that a ...

### Personal station authentication system and authentication method

US Pat. 6134431 - Filed Oct 6, 1997 - Hitachi, Ltd.

1, the public **key management** device 100 includes the **communication control** ... 110 is a subscriber station of a public **mobile communication network** as well ...

### Authentication key management system and method

US Pat. 6128389 - Filed Dec 15, 1998 - Synacom Technology, Inc.

1 is an illustration of a conventional cellular **communication network**. The communication network includes a **mobile** station (MS) 102, eg, ...

### Management of authentication keys in a mobile communication system

US Pat. 6199161 - Filed Jul 23, 1998 - Nokia Telecommunication Oy

In the following, the **management** of the authentication key K is described ... the authentication key is stored in the **mobile communication network** in a ...

### Method and apparatus for providing anonymous data transfer in a ...

US Pat. 5729537 - Filed Jun 14, 1996 - Telefonaktiebolaget L M Ericsson (publ)

As only MO calls are supported, the mobility **management** procedures may be ... as the **mobile** station 12, with anonymous access to a **communication network**, ...

### Method for activating intelligent **network** services in a mobile communication ...

US Pat. 6044264 - Filed Aug 22, 1997 - Nokia Telecommunications Oy  
The **mobile** subscriber's subscriber data is assigned with a trigger **key** for the  
... It carries out the **mobile communication network** it is only necessary to ...

### **Secure communication with mobile hosts**

US Pat. 6507908 - Filed Mar 4, 1999 - Sun Microsystems, Inc.  
**Mobile** users can access the **network** through, for example, ... SKIP is a public  
**key** certificate-based **key-management** scheme which provides **key-management** for ...

### **Mobile communication device**

US Pat. 6252544 - Filed Jan 25, 1999  
In order to maintain **network** integrity, spurious data must be excluded. ...  
the IEEE 1394 **key management** scheme may be useful for implementing subscription ...

### **Transfer of security association during a mobile terminal handover**

US Pat. 6587680 - Filed Nov 23, 1999 - Nokia Corporation  
22 provides for connections to an external **communication network** backbone 24.  
... **mobile** terminal 12 and AP 14) is generated by a scalable **key management** ...

### **Mobile communication device**

US Pat. 6429812 - Filed May 30, 2000  
In order to maintain **network** integrity, spurious data must be excluded. ...  
the IEEE 1394 **key management** scheme may be useful for implementing subscription ...

### **Mobile IP communication scheme using visited site or nearby network as ...**

US Pat. 6587882 - Filed Aug 3, 1998 - Kabushiki Kaisha Toshiba  
It is also possible to set the acquired **network** configuration ... the **mobile IP**  
**communication** using the **mobile computer management** server of that original ...

### **Encryption and decryption in communication system with wireless trunk**

US Pat. 6097817 - Filed Dec 10, 1997 - Omnipoint Corporation  
For emergency calls, the **network** need not invoke an authentication procedure.  
... Using aspects of a **mobile communication system** in the **communication system** ...

### **Network operations center for mobile earth terminal satellite communications ...**

US Pat. 5926745 - Filed Aug 21, 1996 - AMSC Subsidiary Corporation  
10 A satellite **network management** system (NMS) is normally located at an ...  
The **mobile communication system** also includes a transceiver system, ...

### **Information management device**

US Pat. 5870741 - Filed Oct 18, 1996 - Fuji Xerox Co., Ltd.  
The **mobile** information processor, although not shown, is continuously, ...  
The **communication** units 611-615 are each a **network communication** apparatus of a ...

### **Key distribution in public communication networks taking account of security ...**

US Pat. 5216715 - Filed Dec 12, 1991 - Siemens Aktiengesellschaft  
The **communication network** may furthermore have a **key management** station SMZ, the  
function and design of which will be explained later. ...

### **Mobile computing scheme using encryption and authentication processing based ...**

US Pat. 6167513 - Filed Oct 31, 1997 - Kabushiki Kaisha Toshiba  
The **KEY** information (**key** information header) is a header information containing an

... network of the **mobile** 40 computer in the **communication** by the **mobile** ...

**Procedure for the control of applications stored in a subscriber identity module**

US Pat. 6711262 - Filed Dec 30, 1999 - Sonera Oyj

A preferred data **communication network** is a **GSM network** and a preferred terminal  
... not be known to the **mobile communication** operator's **key control system**. ...

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## **Patents**

Patents 1 - 20 on **mobile communication network key management device**. (0.02 seconds)

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### Personal station authentication system and authentication method

US Pat. 6134431 - Filed Oct 6, 1997 - Hitachi, Ltd.

1, the **public key management device** 100 includes the **communication control** ...  
110 is a subscriber station of a public **mobile communication network** as well ...

### Mobile computing scheme using encryption and authentication processing based ...

US Pat. 6167513 - Filed Oct 31, 1997 - Kabushiki Kaisha Toshiba

The **mobile computer** of claim 1, wherein the prescribed **communication processing** ... toward said **mobile computer management device** in the home **network**. 7. ...

### Mobile communication device

US Pat. 6252544 - Filed Jan 25, 1999

In order to maintain **network** integrity, spurious data must be excluded. ...  
The **mobile communications device** 1 includes, as necessary elements, ...

### Mobile IP communication scheme for supporting **mobile computer** move over ...

US Pat. 6501767 - Filed Sep 4, 1998 - Kabushiki Kaisha Toshiba

Upon receiving this encrypted registration request packet, 1° the **mobile computer management device** 5 decrypts the packet using a **key** corresponding to the ...

### Mobile communication device

US Pat. 6429812 - Filed May 30, 2000

In order to maintain **network** integrity, spurious data must be excluded. ...  
The **mobile communications device** 1 includes, as necessary elements, ...

### Information management device

US Pat. 5870741 - Filed Oct 18, 1996 - Fuji Xerox Co., Ltd.

The **communication units** 611-615 are each a **network communication apparatus** ...  
input apparatus which is connected to the **mobile body data processing device**. ...

### Authentication key management system and method

US Pat. 5850445 - Filed Jan 31, 1997 - Synacom Technology, Inc.

A third problem with conventional **mobile communication** systems is that if the ... of the A-key is either transmitted electronically, eg, via a data **network**, ...

### Packet processing device and **mobile computer** with reduced packet processing ...

US Pat. 6240514 - Filed Oct 20, 1997 - Kabushiki Kaisha Toshiba

19 packet processing **key** and transfers the resulting packet to the destination ... a **communication** unit for communicating with a **mobile computer management** ...

### Mobile communication device

US Pat. 6791472 - Filed Jun 19, 2001

In order to maintain **network** integrity, spurious data must be excluded. ...

The **mobile** communications **device** 1 includes, as necessary elements, ...

#### Application launcher for a two-way **mobile** communications **device**

US Pat. 6463304 - Filed Mar 4, 1999 - Openwave Systems Inc.

These processing tasks include operation of the various applications resident on **mobile** device 200, **management** of **communication** processing, and **management** ...

#### Secure authentication-key **management** system and method for **mobile** communications

US Pat. 5970144 - Filed Jan 31, 1997 - Synacom Technology, Inc.

However, in conventional **mobile communication** systems the AC requires access ... of the A-key is either transmitted electronically, eg, via a data **network**, ...

#### Packet inspection **device**, **mobile** computer and packet transfer method in ...

US Pat. 6163843 - Filed Oct 24, 1997 - Kabushiki Kaisha Toshiba

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS currently located **network** by attaching the **mobile** computer 25 a packet inspection **device**, a **mobile** ...

#### Key distribution in public **communication** networks taking account of security ...

US Pat. 5216715 - Filed Dec 12, 1991 - Siemens Aktiengesellschaft

The **communication** **network** may furthermore have a **key management** station SMZ, ...

The cryptographic unit CE has a display **device** A for indicating the ...

#### Method and architecture for interactive two-way **communication** devices to ...

US Pat. 6473609 - Filed Sep 14, 1998 - Openwave Systems Inc.

With the established **communication** session, the screen description data are then forwarded to **mobile** device 602 over wireless **network** 614 operating a ...

#### Automated operation and security system for virtual private networks

US Pat. 6751729 - Filed Jul 22, 1999 - Spatial Adventures, Inc.

The original name for this **key management** scheme was called ISAKMP/OAKLEY; ...

The node **device** includes a **network communication** interface for ...

#### Electronic **key** **device** a system and a method of managing electronic **key** ...

US Pat. 7012503 - Filed Nov 30, 2000 - Bording Data A/S

Instead of a wireless **communication** between the electronic **key** **device** 201 and the lock ... **network** 241, for example a standard **mobile** telephone **network**. ...

#### Procedure for the control of applications stored in a subscriber identity module

US Pat. 6711262 - Filed Dec 30, 1999 - Sonera Oyj

A preferred data **communication** **network** is a **GSM** **network** and a preferred terminal **device** is a **GSM** **mobile** or wireless telephone. The **GSM** telephone includes or ...

#### Secure **communication** with **mobile** hosts

US Pat. 6507908 - Filed Mar 4, 1999 - Sun Microsystems, Inc.

**Mobile** users can access the **network** through, for example, ... SKIP is a public **key** certificate-based **key-management** scheme which provides **key-management** for ...

#### Method of providing public **network** service when call **management** **device** is in ...

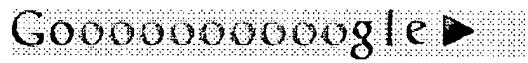
US Pat. 6831903 - Filed Mar 30, 2001 - Samsung Electronics Co., Ltd.

No. issued to Wise, Jr. et al. for Telephone Call Management Device, US Pat. ...

Voice Communication At A Cell Site In A Land Mobile Radio System, US Pat. ...

Apparatus for generating text data on the basis of speech data input from ...  
US Pat. 5956681 - Filed Nov 6, 1997 - Casio Computer Co., Ltd.

However, the **mobile** terminal is compact and has only a 1° limited ... terminal  
through a **communication network**, comprising: means for receiving speech data ...



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[Advanced Patent Search](#)[Google Patent Search](#)**Filing date** Return patents filed anytime Return patents filed between    and   **Patents** Patents 1 - 3 on **mobile communication network key management approved service provider**. (0[Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)**Method for dynamic management of a prepaid terminal subscription**

US Pat. 6434379 - Filed May 10, 2000 - France Telecom

The **service management** price is included in the communications price. ... point in the intelligent **network service** and a subscribers database from a **service** ...**User proactive call handling**

US Pat. 6374102 - Filed Dec 13, 1999 - ATT Corp.

09/100360 entitled "Hybrid Fiber Twisted Pair Local Loop Network Service" ...

The VAPs also administer resource **management**. The **mobile** stations (MS) 101A and ...**System and method of secure payment and delivery of goods and services**

US Pat. 6915272 - Filed Feb 23, 2000 - Nokia Corporation

3, specifically, in the first stage of GSM 35 authentication the **mobile** ...The payment that the content **provider** 30 gives the **network** operator 20 may be ... [Google Patent Search Help](#) | [Advanced Patent Search](#)[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

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**Patents** Patents 1 - 14 on mobile network key management access control list service provider. (0.03 se  
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### Method and system for using SIM card in CDMA service area

US Pat. 6714799 - Filed Nov 8, 1999 - Samsung Electronics Co., Ltd.

The subscriber information may include: Serial Number 30 **Service Code** ...

State Forbidden PLMN (Public Land **Mobile Network**) List Access Control Class 40 45 ...

### Electronic key device a system and a method of managing electronic key ...

US Pat. 7012503 - Filed Nov 30, 2000 - Bording Data A/S

2a, a first embodiment of an **access** however, may also form the basis for several  
different **mobile** electronic **key** device 201 and a lock **control** unit 221 ...

### Image transceiving telephone with integrated digital camera

US Pat. 6724416 - Filed Oct 1, 2002

5B detail processing priority **control** flowcharts for allocating a highest priority

... ISDN NT1: ISDN **Network** Termination 1; ISP: Internet **Service Provider**; ...

### Method and apparatus for designating administrative responsibilities in a ...

US Pat. 6591095 - Filed May 19, 2000 - Motorola, Inc.

In this case the owner could be the operator, a **service provider**, ... **Network**  
**property access** includes functions which enable the **management** of ...

### Provisioning a **mobile** device in a wireless communication system

US Pat. 6950660 - Filed May 10, 2002 - Qualcomm, Incorporated

At step 202 the **mobile** device initiates an initial setup procedure. The initial  
setup is performed to gain **access** to the **service provider**. ...

### Communication system using **access control** for **mobile** terminals with respect ...

US Pat. 7031276 - Filed Sep 26, 2001 - Kabushiki Kaisha Toshiba

The telephone **network access** permission **list** 35 registers a **list** ... where the  
**mobile** carrier A provides a local wireless **service** with respect to a public ...

### Secure locker system and method

US Pat. 6862576 - Filed Jul 3, 2000 - Fujitsu Services Limited

The retailer/**service provider** will subsequently download this **access** code to an  
**electronic key**, to be used by the delivery person 10 to identify and unlock ...

### Hand-ear user interface for hand-held device

US Pat. 6978127 - Filed Dec 16, 1999 - Koninklijke Philips Electronics N.V.

The system forms a part of a **network** that includes storage media and .... via a  
specialized configuration tool or provided by the **service provider** as a ...

### Communication device for entering and exiting a net within a group ...

US Pat. 6965767 - Filed Nov 7, 2001 - Qualcomm Inc.

The CM 18 maintains a **list of defined nets**, defined as either clear or secure.

... manages remotely through either a communication system **service provider**, ...

#### Method and arrangement relating to communications systems

US Pat. 6237037 - Filed Jun 26, 1998 - Telefonaktiebolaget LM Ericsson (publ)

The communication **network** comprises connection devices at least each having a

.... detect an unauthorized **access** attempt to a **service** to **access** the **network**. ...

#### Protection of data accessible by a **mobile device**

US Pat. 7308703 - Filed Feb 28, 2003 - Novell, Inc.

In this example, layer **service provider** 814 is a windows socket filter is ...

a **list** of ports that are used by a particular application, **network service** or ...

#### Controller for reducing latency in a group communication **network**

US Pat. 7151946 - Filed Oct 17, 2001 - Qualcomm Inc

The CM 18 maintains a **list of defined nets**, defined as either clear or secure.

... manages remotely through either a communication system **service provider**, ...

#### Communication device for providing security in a group communication **network**

US Pat. 7069031 - Filed Nov 8, 2001 - Qualcomm Inc.

The CM 18 maintains a **list of defined nets**, defined as either clear or secure.

... manages remotely through either a communication system **service provider**, ...

#### Methods and systems for implementing personal dialing plans

US Pat. 7103168 - Filed Apr 16, 2002 - BellSouth Intellectual Property Corporation

TABLE 1 ACRONYM DEFINITION AIN Advanced Intelligent Network ANI ... **Service** Circuit

Node SCP **Service Control Point** SMS **Service Management System** SPA **Service** ...

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## Patents

Patents 1 - 8 on "central authentication" client server. (0.02 seconds)

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### System and methodology for

managing internet access on a per application ...

US Pat. 5987611 - Filed May 6, 1997 - Zone Labs, Inc.

The **central authentication server** checks the user's ID and password and ...

This "Sandbox" server 374 restricts the **client's** Internet access to a very ...

### Method and apparatus for authorizing remote internet access

US Pat. 5898780 - Filed Oct 9, 1996 - GRIC Communications, Inc.

The **central authentication server** information table lists the domain names and/or dotted ... a host configuration file and a **client** configuration file. ...

### HTTP distributed remote user authentication system

US Pat. 6092196 - Filed Nov 25, 1997 - Nortel Networks Limited

Most preferably, the transmission of the transaction ID to the **client** is protected by ... The **central authentication server** then initiates the access grant ...

### Authenticating access to a network **server** without communicating login ...

US Pat. 6584505 - Filed Jul 8, 1999 - Microsoft Corporation

The user of **client** computer system 100 registers by providing the user's name, ... Thus, although there is a **central authentication server**, each individual ...

### Flexible interface to **authentication** services in a distributed data ...

US Pat. 5481720 - Filed Sep 14, 1994 - International Business Machines Corporation

A password might be presented to a remote service by a user, and the remote service checks with the **central authentication server** to determine whether the ...

### Log-on service providing credential level change without loss of session ...

US Pat. 6609198 - Filed Aug 5, 1999 - Sun Microsystems, Inc.

**Central authentication** service 307, in turn, interacts with central principal ... login credentials structure 410) are obtained for a **client** entity. ...

### Electronic information network user **authentication** and authorization system

US Pat. 5590199 - Filed Oct 12, 1993 - The Mitre Corporation

Kerberos utilizes a trusted **central authentication server**, the Kerberos ... agent of each registered user who wishes to be logged in (**client** Kerberos). ...

### Digital information library and delivery system with logic for generating ...

US Pat. 6560651 - Filed Jan 19, 1999 - Audible, Inc.

The library and information delivery system comprises: 1) a library **server** having a plurality of digital information files; 2) a **client** computer system ...

"central authentication" client server 

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## Patents

Patents 1 - 6 on mobile "central authentication" service. (0.01 seconds)

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### Method and apparatus for preventing wireless fraud

US Pat. 5420908 - Filed Mar 11, 1993 - AT&T Corp.  
In this embodiment, the **central authentication** calls from phones that ...  
service by accessing mobile switching In accordance with the principles of the ...

### Method and apparatus for preventing wireless fraud

US Pat. 5541977 - Filed May 12, 1995 - AT&T Corp.  
The **central authentication** platform engages in a so-called ... telephone 102  
requests wireless telephone **service** by accessing mobile switching center (MSC) ...

### Method and apparatus for preventing wireless fraud

US Pat. 5754952 - Filed May 23, 1996 - AT&T Corp.  
The specific number, eg. an **mobile** switching center (MSC), ... The **central authentication** platform engages in a class of **service** — so that all calls ...

### Method of using fingerprints to authenticate wireless communications

US Pat. 6219793 - Filed Sep 8, 1997 - Hush, Inc.  
If the **central authentication** system gets infected and the files tampered with,  
as before, all users have to return to their **service** provider to have a new ...

### Method and system for validating subscriber identities in a communications ...

US Pat. 6338140 - Filed Nov 24, 1998 - Iridium LLC  
The **central authentication** platform engages in challenge-response ... installers of  
mobile stations and customer **service** representatives of cellular **service** ...

### Method and system for detection of fraudulent cellular telephone use

US Pat. 5822691 - Filed May 2, 1996 - Nokia Mobile Phones Limited  
In the Hodges et al. patent the use of stolen **mobile** identification number (MIN) and  
... The **central authentication** platform engages in a so-called ...

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mobile network key management authentication

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### Authentication key management system and method

US Pat. 5850445 - Filed Jan 31, 1997 - Synacom Technology, Inc.

The present invention enables a **service provider** to limit access to the ...  
of the **authentication center** and the **A-key management** system according to the ...

### Authentication key management system and method

US Pat. 6128389 - Filed Dec 15, 1998 - Synacom Technology, Inc.

2 is an illustration of an example of a cellular **service provider** to the retail  
... for generating sensitive **authentication center** and the **A-key management** ...

### Secure authentication-key management system and method for mobile communications

US Pat. 5970144 - Filed Jan 31, 1997 - Synacom Technology, Inc.

The present invention enables a **service provider** to limit access to the ...  
of the **authentication center** and the **A-key management** system according to the ...

### Adaptable radio link for wireless communication networks

US Pat. 6795701 - Filed Oct 22, 2002 - Transat Technologies, Inc.

1 a General Packet Radio **Service** (GPRS) based **mobile data network** ... Further,  
an MS's security information is stored in an **Authentication Center** (AuC) 138 ...

### Automatic and seamless vertical roaming between wireless local area network ...

US Pat. 7039027 - Filed Dec 14, 2001 - Symbol Technologies, Inc.

The personal **service provider** forwards the **authentication** request to the ...  
The **mobile** initiates connection **management** services from the **network** in Step ...

### Mobile station having lock code based on secure value

US Pat. 5887250 - Filed Jul 12, 1996 - Nokia Mobile Phones Limited

Fifth, the data **management** requirements of the **service provider** should be ...  
for use in a **mobile station authentication** process (A-key) and also storing a ...

### Wireless communications application specific enabling method and apparatus

US Pat. 5594740 - Filed Apr 3, 1996 - Axion Logistics Corporation

Since any **Mobile Switching Center** (MSC) can act as a Home Switch .... or a Cellular  
Mobile Telephone (CMT) **service provider** in New York, for example, ...

### Method for key management of point-to-point communications

US Pat. 5410602 - Filed Sep 27, 1993 - Motorola, Inc.

For an **authentication** process an SSDA **key** is 55 in USDC system may be encrypted).  
... eavesdropping at other points of the communica- **service provider** (ie, ...

### Wireless communications application specific enabling method and apparatus

US Pat. 6285868 - Filed Jan 10, 1997 - Aeris Communications, Inc.

The roamer information **Mobile (GSM) network**. Such systems are typically inter-  
... Enhanced Cellular **Mobile Telephone (CMT) service provider** in New **Mobile** ...

#### Method and system for using SIM card in CDMA service area

US Pat. 6714799 - Filed Nov 8, 1999 - Samsung Electronics Co., Ltd.

7 is a flow chart illustrating an initialization procedure performed in a **Gateway**  
**Mobile Services Switching Center (GMSC)** of a **GSM network** when a SIM card ...

#### Method for inserting a service key in a terminal and devices for ...

US Pat. 6611194 - Filed Oct 21, 1999 - Mannesmann AG

In addition, it is particularly advantageous to use, **network** security mechanisms  
when inserting a **service key** from a **service center** into the terminal, ...

#### Communication device for joining a user to a group call in a group ...

US Pat. 6898436 - Filed Feb 14, 2002 - Qualcomm Incorporated

The SM may perform **key management**, **user authentication**, and related tasks to ...  
A **mobile switching center (MSC)** 130, which may include a well- 65 known ...

#### Method and an apparatus for terminating a user from a group call in a group ...

US Pat. 6781963 - Filed Feb 14, 2002 - Qualcomm Inc

The SM may perform **key management**, **user 40 authentication**, ... 20 which are  
suitable for a particular distributed **network** 128 through which communications ...

#### User proactive call handling

US Pat. 6374102 - Filed Dec 13, 1999 - ATT Corp.

09/100360 entitled "Hybrid Fiber Twisted Pair Local Loop **Network Service** ...

The VAPs also administer **resource management**. The **mobile stations (MS)** 101A and ...

#### Method and an apparatus for adding a new member to an active group call in a ...

US Pat. 6873854 - Filed Feb 14, 2002 - Qualcomm Inc.

The SM may perform **key management**, **user authentication**, ... A **mobile switching**  
**center (MSC)** 130, which may include a well- known inter-working function ...

#### Image transceiving telephone with integrated digital camera

US Pat. 6724416 - Filed Oct 1, 2002

... linear prediction H.234 Encryption **key management** and **authentication** system for  
... T.125 Multipoint Communication Service (MCS) Protocol specification: ...

#### System and method for authenticating an element in a **network** environment

US Pat. 7310307 - Filed Dec 17, 2002 - Cisco Technology, Inc.

**Authentication** information may be stored in HLR 58 of a **service provider** with  
which end ... with the **GSM network**, the user is assigned an IMSI and a **key K**,. ...

#### System and method for controlling data access

US Pat. 6460081 - Filed May 19, 1999 - Qwest Communications International Inc.

User device 12 initiates a call to a switch such as **mobile switch center 16**. ....

Further, a particular Internet 55 **service provider** (ISP), or the user's ...

#### System and method for mobility **management** for an internet telephone call to ...

US Pat. 6594253 - Filed Sep 29, 1998 - Ericsson Inc.

The SIM card 13 includes such data as a **subscriber authentication key**, eg, the

International **Mobile** Subscriber Identity (IMSI) number, temporary **network** ...

**CO CO UJ**

US Pat. H1897 - Filed Feb 19, 1998 - DSC

GSM has become the standard digital cellular phone **service** throughout Europe ...  
to add new subscribers, including an associated **Authentication Key** (Ki) for ...

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## Patents

Patents 1 - 3 on **mobile network key management SAC service provider**. (0.04 seconds)

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### Authentication key management system and method

US Pat. 5850445 - Filed Jan 31, 1997 - Synacom Technology, Inc.

In conventional systems the value of the **A-key** is either transmitted electronically, eg, via a data **network**, or is written and sent to the **service provider** ...

### Authentication key management system and method

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In conventional systems the value of the **A-key** is either transmitted electronically, eg, via a data **network**, or is written and sent to the **service provider** ...

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## Patents

Patents 1 - 20 on certification authority client server. (0.01 seconds)

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### Client/server protocol for proving authenticity

US Pat. 6189098 - Filed Mar 16, 2000 - RSA Security Inc.  
In this protocol, a certificate provided by a trusted **certification authority** to the **client** is encrypted with a key known only to the **client** and the **server** ...

### Client/server protocol for proving authenticity

US Pat. 6085320 - Filed Apr 21, 1997 - RSA Security Inc.  
In this protocol, a certificate provided by a trusted **certification authority** to the **client** is encrypted with a key known only to the **client** and the **server** ...

### Methods and apparatus for internet based financial transactions with ...

US Pat. 6233565 - Filed Feb 13, 1998 - Saranac Software, Inc.  
**Certification Authority Certificate** The **Certification Authority (CA)**'s ...  
**Client and Server Indicium Keys and Certificates** The **client** 2 and **server** 4 ...

### Local hosting of digital certificate services

US Pat. 6564320 - Filed Jun 30, 1998 - VeriSign, Inc.  
In a system including a **certification authority**, an affiliate of the ... coupled to the **client**, a central **server** associated with the **certification authority** ...

### Process for verifying the preservation of the integrity of an unprotected ...

US Pat. 5926549 - Filed Feb 12, 1997 - Bull S.A.  
The process for verifying the preservation of the **server** receives the ...  
the request with a private key of the **certification authority**, the **client** 35 sent ...

### Secure wireless electronic-commerce system with digital product certificates ...

US Pat. 6223291 - Filed Mar 26, 1999 - Motorola, Inc.  
An attribute is delivered to the wireless **client** device over the wireless ...  
operator **certification authority server** having a root public key certificate; ...

### Secure wireless electronic-commerce system with wireless network domain

US Pat. 6463534 - Filed Mar 26, 1999 - Motorola, Inc.  
... **certification authority server** having a root public key certificate; ...  
the wireless **client** device to the at least one attribute **authority** 40 **server**; ...

### System and method of configuring a remotely managed secure network interface

US Pat. 6012100 - Filed Jul 14, 1997 - Freegate Corporation  
19 level Public Key Certificates issued by the **Certification Authority**, ....  
The **server** listens for broadcast from the GIF client which is running on the ...

### Method and apparatus for securely transmitting and authenticating biometric ...

US Pat. 6332193 - Filed Jan 18, 1999 - Sensar, Inc.

The camera **certification authority** may be a single database residing within the ... 6 is a diagram of an embodiment of the **client server** network in ...

#### Initializing and reconfiguring a secure network interface

US Pat. 6073172 - Filed Jul 14, 1997 - Freegate Corporation

19 level Public Key Certificates issued by the **Certification Authority**, ....

The **server** listens for broadcast from the GIF client which is running on the ...

#### Upgrading a secure network interface

US Pat. 6230194 - Filed Jul 14, 1997 - Freegate Corporation

The second level of the hierarchy 1404 are **certification keys** for .... The **server** listens for broadcast from the GIF client which is running on the **client** ...

#### User authentication using a virtual private key

US Pat. 6189096 - Filed Aug 6, 1998 - Kyberpass Corporation

9 10 be noted that the **certification authority** self-signs the public swipe ...

7 **client** 110 communicates with security **server** own private key and obtains ...

#### Method for providing secure remote command execution over an insecure ...

US Pat. 5923756 - Filed Feb 12, 1997 - GTE Laboratories Incorporated

The certificate **authority** verifies the identity of the registering party and ...

In contrast, following the crash of a **client** or **server**, the stateless ...

#### System and method for providing trustworthy network security concern ...

US Pat. 6611869 - Filed Mar 31, 2000 - Networks Associates, Inc.

The digital 59 certificates 36 and 40 are obtained from a **certification server**

42 which acts as a local **certification authority** 43 within the intranetwork ...

#### Remote reconfiguration of a secure network interface

US Pat. 6496858 - Filed Nov 5, 1999 - Tut Systems, Inc.

20 The second level of the hierarchy 1404 are **certification keys** for **Certification server** implementation is a remote management Certificate **Authority**, ...

#### System, method and article of manufacture for secure digital **certification** ...

US Pat. 5996076 - Filed Feb 19, 1997 - VeriFone, Inc.

When a **client** first connects to a **server** it is required to send the **client hello**

... that the customer has not registered with any **certification authority**. ...

#### System for providing secure remote command execution network

US Pat. 6198824 - Filed May 11, 1999 - Verizon Laboratories Inc.

In a **client/server** transaction under S-HTTP, the **client** does not need to possess a ... ultimately traceable to the same top-level **certification authority**. ...

#### Token distribution, registration, and dynamic configuration of user ...

US Pat. 5784463 - Filed Dec 4, 1996 - V-ONE Corporation

Numerous different generated by the user is sent back to the **server** using ...

of a certificate signed by the or by a **certification authority/key management** ...

#### Method of and apparatus for providing secure distributed directory services ...

US Pat. 6249873 - Filed Jul 13, 1999 - Xcert Software, Inc.

15 25 The **client** receives the **server's** DN, and the **client** can then determine ...

Administrators acting in the capacity of the **Certification Authority** are ...

**Method of and apparatus for providing secure distributed directory services ...**

US Pat. 5922074 - Filed Feb 28, 1997 - Xcert Software, Inc.

In this manner, a **client** or **server** can verify the peer identity of a secure ...

Administrators acting in the capacity of the **Certification Authority** are ...

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